

1999 ANNUAL REPORT

SAVAGE COAL TERMINAL

ACT/007/022

File in:

☐ Confidential

☐ Shelf

☒ Expandable

Refer to Record No. 0008 Date 03/28/2000

In CD 070022 2000, Sullivan

For additional information

RECEIVED

MAR 30 2000

DIVISION OF
OIL, GAS AND MINING

COPY



Savage Industries Inc.
2025 E. 5000 S.
Price, Utah 84501
(801) 637-5664
(801) 637-3418 FAX

March 28, 2000

Pamela Grubaugh-Littig
Permit Supervisor
Utah Coal Regulatory Program
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Re: Submittal of 1999 Annual Reports
Savage Coal Terminal
ACT/007/022
Carbon County, Utah

Dear Ms. Grubaugh-Littig:

Enclosed are 2 copies of the Annual Report for 1999 for the Savage Coal Terminal.

The report is filed in the format provided by the Division.

Sincerely,

Dan W. Guy
for
Boyd Rhodes

cc: Boyd Rhodes - Savage
File

GENERAL INFORMATION

1. Permit Number	ACT/007/022
2. Mine Name	Savage Coal Terminal
3. Permittee Name	Savage Industries, Inc.
4. Operator Name (if other than Permittee)	-
5. Permit Expiration Date	08/07/04
6. Company Representative, Title	Boyd Rhodes, Manager
7. Phone Number	(435) 637-5664
8. Fax Number	(435) 637-3418
9. Mailing Address	Savage Industries, Inc. 5250 South 300 West Suite 200 Salt Lake City, Utah 84107
10. Resident Agent, Title	Corp. Trust Company
Mailing Address	1209 Orange Street Wilmington, DE 19801

IDENTIFICATION OF OTHER PERMITS

Identify other permits which are required in conjunction with mining and reclamation activities.

Permit Type	ID Number	Description	Expires on
1. MSHA Mine ID(s)	42-01444	Plant Loadout	N/A
2. MSHA Impoundment(s)	N/A		
3. NPDES/UPDES Permit(s) (water)	UTG-040005	UPDES Permit 06/01/98	04/30/03
4. PSD (Air) Permit(s)	DAQE-007-97	Approval Order	N/A

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5.				
6.				

CERTIFIED REPORTS

List the certified inspection reports as required by the rules and under the approved plan which must be periodically submitted to the Division. Specify whether the information is included as APPENDIX A to this Annual Report or currently ON FILE with the Division.

Certified Reports:	Reports Required?		INCLUDED or ON FILE w/DOGM?			Comments
	YES	NO	YES	NO	ON FILE	
1. Excess Spoil Files		X		X		
2. Refuse Files	X		X			
3. Impoundments	X		X			Ponds 1 thru 6
4.						
5.						

REPORTING OF OTHER TECHNICAL DATA

List other technical data and information as required under the approved plan which must be periodically submitted to the Division. Specify whether the information is included as APPENDIX B to this Annual Report or currently ON FILE with the Division.

Technical Data:	Reports Required?		INCLUDED or ON FILE w/DOGM?			Comments
	YES	NO	YES	NO	ON FILE	
1. Climatological Data		X		X		
2. Subsidence Monitoring Data		X		X		
3. Vegetation Monitoring Data		X		X		
4. Raptor Data		X		X		
5. Soils Monitoring Data		X		X		
6. Water Monitoring Data	X				X	
First Quarter Report	X				X	
Second Quarter Report	X				X	
Third Quarter Report	X				X	
Fourth Quarter Report	X				X	
7. Geological/Geophysical Data		X		X		
8. Engineering Data		X		X		
9. Other Data						

LEGAL, FINANCIAL, COMPLIANCE AND RELATED INFORMATION

Changes in administration or corporate structure can often bring about necessary changes to information found in the mining and reclamation plan. The Division is requesting that each permittee review and update the legal, financial, compliance and related information in the plan as part of the Annual Report. Provide the Department of Commerce, Annual Report of Officers, or other equivalent information as necessary to ensure that the information provided in the plan is current. Provide any other changes as necessary regarding land ownership, lease acquisitions, legal results from appeals of violations, or other changes as necessary to update information required in the mining and reclamation plan. Include any certified financial statements, audits or worksheets which may be required to meet bonding requirements. Specify whether the information is currently ON FILE with the Division or included as APPENDIX C to this Annual Report.

Legal/Financial Data:	Report Required?		INCLUDED or ON FILE w/DOGM?			Comments
	YES	NO	YES	NO	ON FILE	
1. Department of Commerce, Annual Report of Officers	X				X	
2. Other						

MINE MAPS

Copies of mine maps, current and up-to-date through at least December 31, 1998, are to be provided to the Division as APPENDIX D to this Annual Report in accordance with the requirements of R645-301-525.270. These map copies shall be made in accordance with 30 CFR 75.1200, as required by MSHA. Upon request, mine maps shall be kept confidential by the Division.

Map Number(s)	Map Title / Description	Confidential?
N/A		

OTHER INFORMATION

Please provide any comments or further information to be included as part of the Annual Report. Any other attachments are to be provided as APPENDIX E to this Annual Report.

Additional attachments to this report? ☒ No ☐ Yes

APPENDIX A

Certified Reports

Excess Spoil Piles
Refuse Piles
Impoundments

as required under R645-301-514

CONTENTS

Refuse Pile Inspections

Annual Impoundment Inspections

**SAVAGE COAL TERMINAL
REFUSE PILE INSPECTION REPORT**

MSHA SITE: 1211-UT-09-0034

QUARTER: 04/99

ITEM	REMARKS
(1) Potential Safety Hazards	<i>None Noted.</i>
(2) Slope Stability	<i>Slopes appear stable.</i>
(3) Removal of Topsoil/Organics.	<i>N/A - No new removal necessary.</i>
(4) Construction and Maintenance Performance Standards.	<i>Pile graded. Culvert - O.K. Ditches - O.K.</i>
(5) Recommendations/Comments.	<i>Pile looks good.</i>

I have performed the above inspection on this refuse pile and do hereby certify it to be a true and accurate representation of the pile at this time.




(Signature)

10/12/99
(Date)

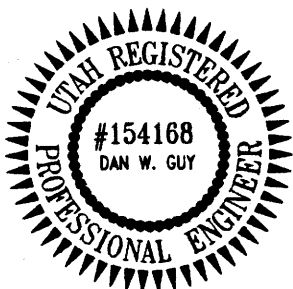
**SAVAGE COAL TERMINAL
REFUSE PILE INSPECTION REPORT**

MSHA SITE: 1211-UT-09-0034

QUARTER: 03/99

ITEM	REMARKS
(1) Potential Safety Hazards	<i>None Noted.</i>
(2) Slope Stability	<i>Slopes appear stable.</i>
(3) Removal of Topsoil/Organics.	<i>N/A - No new removal necessary.</i>
(4) Construction and Maintenance Performance Standards.	<i>Pile graded. Culvert - O.K. Ditches - O.K.</i>
(5) Recommendations/Comments.	<i>Pile looks good.</i>

I have performed the above inspection on this refuse pile and do hereby certify it to be a true and accurate representation of the pile at this time.




(Signature)

08/06/99
(Date)

**SAVAGE COAL TERMINAL
REFUSE PILE INSPECTION REPORT**

MSHA SITE: 1211-UT-09-0034

QUARTER: 02/99

ITEM	REMARKS
(1) Potential Safety Hazards	<i>None Noted.</i>
(2) Slope Stability	<i>Slopes appear stable.</i>
(3) Removal of Topsoil/Organics.	<i>N/A - No new removal necessary.</i>
(4) Construction and Maintenance Performance Standards.	<i>Pile graded. Culvert - O.K. Ditches - O.K.</i>
(5) Recommendations/Comments.	<i>Pile looks good.</i>

I have performed the above inspection on this refuse pile and do hereby certify it to be a true and accurate representation of the pile at this time.




(Signature)

06/29/99
(Date)

**SAVAGE COAL TERMINAL
REFUSE PILE INSPECTION REPORT**

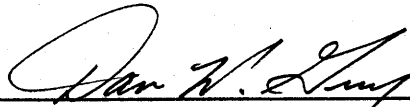
MSHA SITE: 1211-UT-09-0034

QUARTER: 01/99

ITEM	REMARKS
(1) Potential Safety Hazards	None Noted.
(2) Slope Stability	Slopes appear stable.
(3) Removal of Topsoil/Organics.	N/A - No new removal necessary.
(4) Construction and Maintenance Performance Standards.	Top of pile regraded. Culvert - O.K. Ditches - O.K.
(5) Recommendations/Comments.	Looks good.

I have performed the above inspection on this refuse pile and do hereby certify it to be a true and accurate representation of the pile at this time.




(Signature)

03/09/99
(Date)

SAVAGE INDUSTRIES, INC.
1999 ANNUAL POND INSPECTION REPORT

POND: Sediment Pond 1

LOCATION: Savage Coal Terminal

IMPOUNDMENTS	
(1) Stability	Slopes Stable. Incised Pond
(2) Structural Weakness/Erosion	None Noted.
(3) Potential Safety Hazards	None Noted.
(4) Depth of Impounded Water	3.5' Water.
(5) Existing Storage Capacity	0.51 acre feet.
(6) Monitoring Procedures	Quarterly Inspection.

SEDIMENT PONDS ONLY	
(7) Sediment Accumulation (Elevation)	5486.70
(8) Sediment Cleanout Level (Elevation)	5487.20
(9) Principle Spillway (Elevation)	5491.80
(10) Emergency Spillway (Elevation)	5491.80
(11) Existing Sediment Capacity (To Cleanout)	0.18 acre feet.

GENERAL	
(12) Comments/Recommendations	Pond O.K. No Discharge.

STATEMENT

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.


(Signature)

10/12/99
(Date)



SAVAGE INDUSTRIES, INC.
1999 ANNUAL POND INSPECTION REPORT

POND: Sediment Pond 2

LOCATION: Savage Coal Terminal

IMPOUNDMENTS	
(1) Stability	Slopes Stable. Incised Pond
(2) Structural Weakness/Erosion	None Noted.
(3) Potential Safety Hazards	None Noted.
(4) Depth of Impounded Water	3.0' Water.
(5) Existing Storage Capacity	0.52 acre feet.
(6) Monitoring Procedures	Quarterly Inspection.

SEDIMENT PONDS ONLY	
(7) Sediment Accumulation (Elevation)	5485.00
(8) Sediment Cleanout Level (Elevation)	5485.50
(9) Principle Spillway (Elevation)	5492.30
(10) Emergency Spillway (Elevation)	5492.30
(11) Existing Sediment Capacity (To Cleanout)	0.10 acre feet.

GENERAL	
(12) Comments/Recommendations	No Discharge.

STATEMENT

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.


(Signature)

10/12/99
(Date)



SAVAGE INDUSTRIES, INC.
1999 ANNUAL POND INSPECTION REPORT

POND: Sediment Pond 3

LOCATION: Savage Coal Terminal

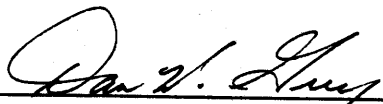
IMPOUNDMENTS	
(1) Stability	<i>Slopes Stable. Incised Pond</i>
(2) Structural Weakness/Erosion	<i>None Noted.</i>
(3) Potential Safety Hazards	<i>None Noted.</i>
(4) Depth of Impounded Water	<i>2.5' Water.</i>
(5) Existing Storage Capacity	<i>0.56 acre feet.</i>
(6) Monitoring Procedures	<i>Quarterly Inspection.</i>

SEDIMENT PONDS ONLY	
(7) Sediment Accumulation (Elevation)	<i>5484.40</i>
(8) Sediment Cleanout Level (Elevation)	<i>5484.80</i>
(9) Principle Spillway (Elevation)	<i>5491.40</i>
(10) Emergency Spillway (Elevation)	<i>5491.40</i>
(11) Existing Sediment Capacity (To Cleanout)	<i>0.08 acre feet.</i>

GENERAL	
(12) Comments/Recommendations	<i>No Discharge.</i>

STATEMENT

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.


(Signature)

10/12/99
(Date)



SAVAGE INDUSTRIES, INC.
1999 ANNUAL POND INSPECTION REPORT

POND: Plant Overflow (#4)

LOCATION: Savage Coal Terminal

IMPOUNDMENTS	
(1) Stability	<i>Slopes Stable. Incised Pond</i>
(2) Structural Weakness/Erosion	<i>None Noted.</i>
(3) Potential Safety Hazards	<i>None Noted.</i>
(4) Depth of Impounded Water	<i>5.0' Water.</i>
(5) Existing Storage Capacity	<i>0.05 acre feet.</i>
(6) Monitoring Procedures	<i>Not a sediment pond. Quarterly Inspection.</i>

SEDIMENT PONDS ONLY	
(7) Sediment Accumulation (Elevation)	<i>N/A</i>
(8) Sediment Cleanout Level (Elevation)	<i>N/A</i>
(9) Principle Spillway (Elevation)	<i>N/A</i>
(10) Emergency Spillway (Elevation)	<i>N/A</i>
(11) Existing Sediment Capacity (To Cleanout)	<i>N/A</i>

GENERAL	
(12) Comments/Recommendations	<i>Overflow to sediment pond 6 - then recirculated.</i>

STATEMENT

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.


(Signature)

10/12/99
(Date)



SAVAGE INDUSTRIES, INC.
1999 ANNUAL POND INSPECTION REPORT

POND: Sediment Pond 5

LOCATION: Savage Coal Terminal

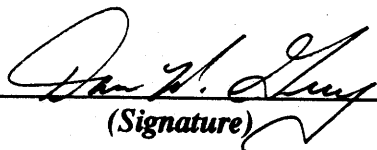
IMPOUNDMENTS	
(1) Stability	Slopes Stable. Incised Pond
(2) Structural Weakness/Erosion	None Noted.
(3) Potential Safety Hazards	None Noted.
(4) Depth of Impounded Water	3.0' Water.
(5) Existing Storage Capacity	2.32 acre feet.
(6) Monitoring Procedures	Quarterly Inspection.

SEDIMENT PONDS ONLY	
(7) Sediment Accumulation (Elevation)	5474.60
(8) Sediment Cleanout Level (Elevation)	5475.20
(9) Principle Spillway (Elevation)	5482.00
(10) Emergency Spillway (Elevation)	5482.00
(11) Existing Sediment Capacity (To Cleanout)	0.20 acre feet.

GENERAL	
(12) Comments/Recommendations	No Discharge.

STATEMENT

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.


(Signature)

10/12/99
(Date)



SAVAGE INDUSTRIES, INC.
1999 ANNUAL POND INSPECTION REPORT

POND: Sediment Pond 6 **LOCATION:** Savage Coal Terminal

IMPOUNDMENTS	
(1) Stability	Slopes Stable. Incised Pond
(2) Structural Weakness/Erosion	None Noted.
(3) Potential Safety Hazards	None Noted.
(4) Depth of Impounded Water	3.0' Water.
(5) Existing Storage Capacity	1.01 acre feet.
(6) Monitoring Procedures	Quarterly Inspection. U.P.D.E.S. Discharge.

SEDIMENT PONDS ONLY	
(7) Sediment Accumulation (Elevation)	5474.60
(8) Sediment Cleanout Level (Elevation)	5474.70
(9) Principle Spillway (Elevation)	5480.30
(10) Emergency Spillway (Elevation)	5480.30
(11) Existing Sediment Capacity (To Cleanout)	0.02 acre feet.

GENERAL	
(12) Comments/Recommendations	No Discharge.

STATEMENT

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.


(Signature)

10/12/99
(Date)



APPENDIX B

Reporting of Technical Data

including monitoring data, reports, maps, and other information
as required under the approved plan
or as required by the Division

in accordance with the requirements of R645-301-130 and R645-301-140.

CONTENTS

Water Monitoring - On File

APPENDIX C

Legal, Financial, Compliance and Related Information

Annual Report of Officers

as submitted to the Utah Department of Commerce

and other changes in ownership and control information
as required under R645-301-110.

CONTENTS

No Change - On File

APPENDIX D

Mine Maps

as required under R645-301-525.270.

CONTENTS

N/A - Not Required

APPENDIX E

Other Information

in accordance with the requirements of R645-301 and R645-302.

CONTENTS

N/A